

## Japanese Carbon and Alloy Flat Products Exclusion Request

**Product Category:** Cold-Rolled Products (#4)

(a)	Product Designation/HTS	<b><u>High Frequency Low Core Loss NOES</u></b> 7225.19.0000
(b)	Product Description	Non grain-oriented silicon steel with nominal thickness 0.2 mm (0.0080 in.), which can achieve low core loss less than 8.16 watts per pound at 400 Hz.
(c)	Basis for Exclusion	See text below
(d)	Names and Location of U.S. and Foreign Producers	See Attachment A
(e)	U.S. Consumption	See Attachment B
(f)	U.S. Production	See Attachment B
(g)	Substitutable Products	See Attachment C

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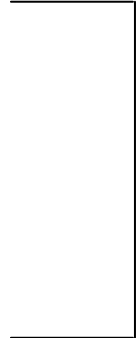
As its name suggests, high-frequency low core loss NOES (non-oriented electrical steel) is a unique cold-rolled steel product in that it has low core loss in the high frequency territory.<sup>1</sup> In particular, the core loss at 400 Hz and 1.0T and B50 (Magnetic Flux Density at 5000 A/m) are superior to those of conventional NOES. Therefore, it is often used in micromotors, which are high-speed rotating parts in disc drives of notebook computers. Another application of this material is the ISG (Integrated Starter & Generator) for HEV (Hybrid Electric Vehicle). Ordinary non-grain oriented silicon steel cannot be used for such applications because its magnetic property worsens at high frequencies. We are not aware of any U.S. producer that can match these unique characteristics. The USTR therefore cannot conclude that the U.S. industry is entitled to relief from imports of this product. High-frequency low core loss NOES should be excluded from any 201 remedy.

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<sup>1</sup> This specialty product has not been shipped to the United States yet.

**Attachment A**

**Foreign Producers**

An empty rectangular box with a thin black border, intended for listing foreign producers.An empty rectangular box with a thin black border, intended for listing foreign producers.

**Domestic Producers**

- No Known Domestic Producers

**COLD-ROLLED****High Frequency Low Core Loss NOES**

<b>Quantity</b>						<b>January - June</b>		<b>Projections</b>				
<b>Company</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>YTD 2000</b>	<b>YTD 2001</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
[	0	0	0	0	0	0	0	0	0	937	1,405	1,873
Total	0	0	0	0	0	0	0	0	0	937	1,405	1,873 ]
<b>Value *</b>						<b>January - June</b>		<b>Projections</b>				
<b>Company</b>	<b>1996</b>	<b>1997</b>	<b>1998</b>	<b>1999</b>	<b>2000</b>	<b>YTD 2000</b>	<b>YTD 2001</b>	<b>2001</b>	<b>2002</b>	<b>2003</b>	<b>2004</b>	<b>2005</b>
[	0	0	0	0	0	0	0	0	608,186	1,873,080	2,809,620	3,746,160
Total	0	0	0	0	0	0	0	0	608,186	1,873,080	2,809,620	3,746,160 ]
<b>U.S. Production</b>	0	0	0	0	0	0	0	0	0	0	0	0
<b>Imports from Other Countries</b>	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown
<b>Total U.S. Consumption</b>	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown	unknown

**Attachment C**

Known Substitutable Products: None

U.S. Production: None

U.S. Producers: None